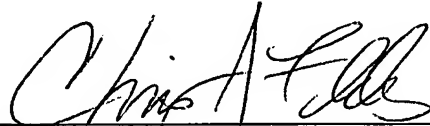


In The Abstract:

Insert the Abstract being provided on a separate sheet.

Respectfully submitted,
Sakari Laitinen-Vellonen
Fildes & Outland, P.C.

A handwritten signature in cursive script, appearing to read "Chris J. Fildes", written in dark ink.

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METHOD FOR MONITORING AND ANALYZING A PAPER PRODUCTION
PROCESS

Abstract

The invention relates to a method for
5 monitoring and analyzing a production process. In the
method, a large number of variables are measured from
the process, with the aid of these variables,
fingerprints according to a good process situation,
relative to runnability, are defined in several sub-
10 processes and are then stored in a memory, the stored
fingerprints are compared with fingerprints obtained in
a normal process situation, on the basis of the
comparison, an index of the difference, displayed
graphically to the user, between the recorded good
15 situation and the momentary process situation is
defined, and a runnability index, depicting the
runnability of the entire paper machine and a quality
index depicting the quality of the paper produced, are
formed from these indices.